

The Mississippi Board of Nursing voted on February 9, 2007, to Adopt the following proposed revisions to Chapter IV, Sections 3 and 4 of the *Mississippi Board of Nursing Rules and Regulations*:

(Additions are underlined and deletions have a strike-through. The shaded areas include editorial and logical consequence changes made following the receipt and review of written public comments and comments received at the public hearing held on February 9, 2007.)

CHAPTER IV. ADVANCED PRACTICE

3. Expanded Role for the Licensed Practical Nurse in IV Therapy

3.1 Certification, Renewal, Reinstatement, Discipline.

a. Initial certification.

Prior to Board certification allowing the LPN to practice in the expanded role, the LPN must:

- (1) Be currently licensed as a LPN in Mississippi or hold a temporary permit to practice as a LPN in Mississippi; and
- (2) Submit required applications and fees; and
- (3) Have graduated from a state-approved practical nurse educational program or an equivalent state-approved program.
- (4) Have one (1) year of clinical experience as a LPN within the past three (3) years if approved IV certification educational program is completed after graduation from an approved practical nurse educational program.
- (5) Submit official evidence of completion of an educational program of study and clinical experience approved by the Board if approved IV certification educational program is completed after graduation from an approved practical nurse educational program.
- (6) Submit within 1 year of completion of the educational program application for IV therapy expanded role certification if IV certification education is incorporated within the approved practical nurse educational program. If the application is not received in the board's office within one year of completion of the licensed practical nurse educational program the applicant must complete another IV certification educational program.

b. Renewal of certification.

Expanded role LPNs shall renew IV certification in conjunction with renewal of the LPN license and shall submit the following:

- (1) Renewal application and fee; and
- (2) Documentation of completion of a minimum of 10 contact hours of continuing education and/or in service education in IV therapy within the previous two (2) year period.

c. Reinstatement of lapsed certification.

Expanded role LPNs may reinstate a lapsed certification upon:

- (1) Documentation of a current, active LPN license; and
- (2) Submission of the LPN expanded role reinstatement application and fee; and
- (3) Submission of documentation of completion of a minimum of 10 contact hours of continuing education and/or inservice education in IV therapy within the previous two (2) year period if lapsed for less than 2 years; or
- (4) Submission of evidence of successful completion of a Board-approved IV therapy update if lapsed for more than 2 years . This update must include both theory and clinical components.

d. Fees are not refundable.

- e. Disciplinary action.

Any expanded role LPN who is in violation of the Nursing Practice Law and/or Rules and Regulations shall be subject to disciplinary action by the Board.

3.2 Advisory Committee.

The Board may appoint an advisory committee consisting of at least one LPN educator and one expanded role LPN to advise the Board on issues related to LPNs certified in the expanded role of IV therapy.

3.3 Scope of Practice.

- a. In addition to IV-related activities within the scope of any LPN, the LPN certified in IV therapy may perform the following advanced acts of IV therapy:

- (1) Initiate the administration of Board approved IV fluids and medications via a peripheral route;

- (a) The peripheral route does not include midline or midclavicular catheters.

- (b) Approved IV fluids and medications include electrolyte solutions with vitamins and/or potassium, antibiotics, erythropoietins, synthetic vitamin D and H2 blockers provided such fluids and medications are appropriate for IV administration;

- (c) IV fluids and medications must be commercially prepared or premixed and labeled by a RN or registered pharmacist;

- (2) Maintain patency of a peripheral intermittent vascular access device using a nontherapeutic dose of a flush solution;

- (3) Assist the RN in the administration of midline, midclavicular or central venous infusion of approved IV fluids by checking the flow rate and changing the site dressing.

- b. The LPN certified in IV therapy may NOT:

- (1) Initiate, regulate, add or administer medications to or discontinue a midline, midclavicular or central venous line;

- (2) Administer or add the following to a peripheral venous line:

- (a) IV push or bolus medications;

- (b) IV medications other than those in Section 3.3a (1) (b) above; ~~and, if a hemodialysis expanded role licensed practical nurse, the medications in Section 4.3 below;~~

- (c) Parenteral nutritional agents other than vitamins;

- (d) Blood, blood components, plasma, plasma expanders;

- (e) Chemotherapeutic agents.

- (3) Perform any advanced acts of IV therapy listed in section 3.3a. with patients under 2 years of age;

- (4) Perform any advanced acts of IV therapy listed in section 3.3a. with pediatric patients age 2 years and older unless:

- (a) The patient is on a unit solely and specifically for pediatric patients; and

- (b) The LPN certified in IV therapy is experienced and competent in the provision of care to pediatric patients; and

- (c) A registered nurse is physically present on the pediatric patient care unit where IV therapy is being administered and is readily available to respond as needed.

- c. Advanced acts, as defined in 3.3a. may be delegated to the LPN certified in IV therapy by a RN, licensed physician or licensed dentist.

- d. Unless otherwise specified in these regulations, the LPN certified in IV therapy may perform advanced acts of IV therapy if the supervisor is physically on the premises where the patient is having nursing care provided. The physician or dentist may provide supervision in the medical or dental office. In all other settings, supervision and delegation must be by a registered nurse.

- e. Advanced acts of IV therapy as listed in section 3.3a. may not be performed by the LPN in the home setting.

3.4 Minimum Program Requirements.

The IV therapy program must utilize the Board-approved standardized IV therapy curriculum or its equivalent as approved by the Board.

4. Expanded Role for the Licensed Practical Nurse in Hemodialysis

4.1 Certification, Renewal, Reinstatement, Discipline

a. Initial certification

Prior to Board certification allowing the LPN to practice in the expanded role of hemodialysis, the LPN must:

- (1) Be currently licensed as a LPN in Mississippi or hold a temporary permit to practice as a LPN in Mississippi; and
- (2) Submit required application and fees; and
- (3) Have graduated from an state approved practical nurse educational program or an equivalent state approved program; and
- (4) Have one (1) year of clinical experience as a LPN within the past three (3) years;
- (5) Submit official evidence of completion of an educational program of study and clinical experience in hemodialysis approved by the Board; and
- (6) Be certified in the Expanded Role of IV Therapy. However, any licensed practical nurse certified in expanded role of hemodialysis on or before April 1, 2007, will not be required to be certified in expanded role of IV therapy, provided that said licensed practical nurse who is certified in expanded role of hemodialysis on or before April 1, 2007, is educated and competent in all applicable procedures, and that said education and competence is documented initially, and also documented on a continuing basis.

b. Renewal of certification.

Expanded role LPNs shall renew hemodialysis certification in conjunction with renewal of the LPN license and shall submit the following:

- (1) Renewal application and fee; and
- (2) Documentation of completion of a minimum of 10 contact hours of continuing education and/or inservice education in hemodialysis within the previous two (2) year period.

c. Reinstatement of lapsed certification.

Expanded role LPNs may reinstate lapsed hemodialysis certification upon:

- (1) Documentation of a current, active LPN license; and
- (2) Submission of the LPN expanded role reinstatement application and fee; and
- (3) ~~If lapsed for less than 2 years~~ Submission of documentation of completion of a minimum of 10 contact hours of continuing education and/or inservice education in hemodialysis within the previous two (2) year period if lapsed for less than 2 years; or
- (4) ~~If lapsed for more than 2 years~~ Submission of evidence of successful completion of a Board-approved hemodialysis update if lapsed for less **more** than 2 years. This update must include both theory and clinical components.

d. Fees are not refundable.

e. Disciplinary action.

Any expanded role LPN who is in violation of the Nursing Practice Law and/or Rules and Regulations shall be subject to disciplinary action by the Board.

4.2 Advisory Committee.

The Board may appoint an advisory committee consisting of at least one RN in hemodialysis and one LPN in the expanded role of hemodialysis to advise the Board on issues related to LPNs certified in the expanded role of hemodialysis.

4.3 Scope of Practice.

- a. The LPN certified in hemodialysis may:
 - (1) Initiate and discontinue hemodialysis via fistula needles in the peripheral fistula or graft;
 - (2) Inject intradermal lidocaine in preparation for dialysis and access;
 - (3) Initiate and discontinue hemodialysis via catheter;
 - (4) Administer heparin intravenously, including:
 - (a) Draw up and administer heparin (1:1000 strength) for initial and continued administration; and
 - (b) Loading and activating the constant infusion pump and/or intermittently injecting the prescribed dose.
 - (5) Administer saline intravenously, including:
 - (a) Administration of a saline bolus during a hypotensive episode (this must be in accordance with an agency protocol and with RN supervision and consultation); and
 - (b) Administration and regulation of a normal saline solution for purpose of maintaining the fluid plan that is established by the RN.
 - (6) Draw up and administer erythropoietins intravenously.
 - (7) Draw up and administer synthetic vitamin Ds intravenously.
- b. The LPN certified in hemodialysis may function in this role and scope of practice only under the direct supervision of a Registered Nurse.
- c. The LPN certified in hemodialysis may function in this role only in hemodialysis facilities which are certified by the Department of Health, Division of Licensure and Certification, or its successor agency.
- d. The LPN certified in hemodialysis may NOT:
 - ~~(1) Initiate, regulate, monitor, provide care related to, or discontinue hemodialysis via any dual lumen catheter (temporary or permanent) regardless of placement; or~~
 - (1) Administer or add the following except as specified in 4.3a:
 - (a) IV medications; or
 - (b) Blood, blood components, plasma, plasma expanders; or
 - (c) Hypertonic solutions; or
 - (2) Determine or regulate the dosage of heparin; or
 - (3) Perform hemodialysis in the home setting.

4.4 Minimum Program Requirements.

The Hemodialysis Education Program for Expanded Role LPNs must utilize the Board-approved standardized curriculum or its equivalent as approved by the Board.